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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant: HIROSHI NAGAI ET AL.

Serial No.: 09/647,522

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Filed: DECEMBER 1, 2000

Examiner:

Holly SCHNIZER

Title: NOVEL HEMOLYTIC ACTIVE PROTEINS AND GENES
ENCODING THE SAME

AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

The following amendments and remarks are submitted in response to the Office Action dated June 14, 2002. A request for extension of time is submitted concurrently herewith. A marked-up copy of the amendment is attached, with deletions indicated by brackets and additions indicated by underlining.

IN THE CLAIMS:

Please cancel claims 18, 32, and 36 without prejudice or disclaimer thereto.

Please amend claims 17 and 22 as follows:

B¹ ~~17.~~ (Amended) An isolated protein comprising the amino acid residue sequence of SEQ ID NO:5 wherein said protein has hemolytic activity.

B² 22. (Amended) A protein having hemolytic activity and containing at least one cystein residue in the molecule, wherein said protein is produced by